

Lois James

From: Lois James
Sent: Monday, February 2, 2026 10:11 AM
To: Kucuk, Aylin
Cc: RidsNrrOd Resource; RidsNrrDnrl Resource; RidsNrrLADHarrison Resource; RidsNrrDorl Resource; RidsNrrDorlLlpb Resource; RidsNrrDss Resource; RidsNrrDssScpb Resource; RidsOgcMailCenter Resource; RidsACRS_MailCTR Resource; Lois James; David Dijamco; Eric Palmer; Seung Min; Hanry Wagage; Kristy Bucholtz; Angie Buford; Matthew Mitchell; Aida Rivera-Varona; fsmith@epri.com; ext_Jim_Cirilli
Subject: Issuance of Safety Evaluation for EPRI Technical Report 3002023895, "Materials Reliability Program: xLPR Estimation of PWR Loss-of-Coolant Accident Frequencies (MRP-480) (EPID L-2024-NTR-0004)"

Dr. Aylin Kucuk
Program Manager, Nuclear Fuels
Electric Power Research Institute
Palo Alto Office
3420 Hillview Ave.
Palo Alto, CA 94304-133

Dear Dr. Aylin Kucuk:

By letter dated April 26, 2024 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML24121A203), Electric Power Research Institute (EPRI) submitted EPRI Report 3002023895, "Materials Reliability Program: xLPR [Extremely Low Probability of Rupture] Estimation of PWR Loss-of-Coolant Accident Frequencies (MRP-480)" to the U.S. Nuclear Regulatory Commission (NRC) for review and approval. The NRC staff has completed its review of the subject topical report and documented our review in the enclosed safety evaluation (SE).

Pursuant to Section 2.390 of Title 10 of the *Code of Federal Regulations* (10 CFR), we have determined that the SE for MRP-480 may contain proprietary information. If you believe that any information in the draft SE is proprietary, please identify such information line-by-line and define the basis pursuant to the criteria of 10 CFR 2.390. Use double brackets and yellow highlight to identify any [[proprietary information]].

A copy of the SE for proprietary review has been placed in the NRC external sharing folder. Fred Smith (through James Cirilli) has been given access to the folder. The SE is being provided for a proprietary information review. If EPRI provides comments on other areas, the NRC staff will exercise its discretion on whether to address those comments.

Please provide your response with 30 days of the date of this e-mail. Your response must be via a letter from an authorized individual. The final SE will be issued after making any necessary changes.

Note that at this stage of the process, the NRC staff has completed its review of the submitted information and will not entertain technical arguments. The NRC staff conclusions and conditions will not change unless new information is provided on the docket that was not available during our review. If EPRI would like to discuss the enclosed SE in detail, we can do that in a noticed meeting.

If you have any questions, please feel free to contact me at lois.james@nrc.gov.

Lois James, Senior Project Manager
Licensing Projects Branch
Division of Operating Reactor Licensing

Office of Nuclear Reactor Regulation

Docket No.: 99902021

EPID: L-2024-NTR-0004

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